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FIBER ORGANON

Volume 63, No. 7 ☐ July 1992

A publication of *Fiber Economics Bureau, Inc.*

Highlights

- Worldwide Manufactured Fiber Survey in Millions of Pounds.
- Worldwide Fiber Demand remains virtually the same at 84,531 million pounds.
  ...Demand for manufactured fiber stood at 38,959 million pounds.
  ...Demand for natural fibers stood at 45,572 million pounds.

SHIPMENTS:

In June, total manufactured fiber shipments reached 737 million pounds, 2% below the 752 million pounds shipped in May and 3% above the 714 milllion pounds shipped in June 1991.

June shipments of synthetic (noncellulosic) filament yarn fell 2% to 371 million pounds and staple+tow fell 1% to 326 million pounds.

Contributing to the decrease in shipments over the previous month were nylon carpet yarn down 7% or 6 million pounds and acrylic+modacrylic staple+tow down 5% or 2 million pounds and nylon industrial yarn down 1 million pounds or 4%.

Year-to-date domestic shipments of manufactured fiber are up 10% and exports are down 14%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1992 JUN	1992 MAY	% CHG 6/92 - 5/92	1991 JUN	% CHG 6/92 - 6/91	YEAR TO DATE 1992	YEAR TO DATE 1991	% CHG YTD 1992 - 1991
ARTIFICIAL (CELLULOSIC)								
YARN	19.0	19.0	--	17.7	*+7.3*	111.8	103.4	*+8.1*
RAYON STAPLE	20.3	23.9	*-15.1*	22.7	*-10.6*	130.7	128.5	*+1.7*
TOTAL ARTIFICIAL (CELL.)	**39.3**	**42.9**	*-8.4*	**40.4**	*-2.7*	**242.5**	**231.9**	*+4.6*
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	25.1	26.2	*-4.2*	24.4	*+2.9*	156.2	164.7	*-5.2*
- CARPET	80.2	86.5	*-7.3*	80.4	*-0.2*	505.7	434.2	*+16.5*
- TEXTILE[a]	30.2	31.1	*-2.9*	28.6	*+5.6*	186.6	187.5	*-0.5*
POLYESTER - INDUSTRIAL	31.5	30.5	*+3.3*	29.1	*+8.2*	188.0	165.7	*+13.5*
- TEXTILE[a]	76.2	74.1	*+2.8*	68.5	*+11.2*	447.6	412.6	*+8.5*
OLEFIN	128.1	130.4	*-1.8*	121.1	*+5.8*	734.6	678.6	*+8.3*
TOTAL YARN	**371.3**	**378.8**	*-2.0*	**352.1**	*+5.5*	**2218.7**	**2043.3**	*+8.6*
STAPLE+TOW+FIBERFILL								
NYLON	75.0	77.6	*-3.4*	70.7	*+6.1*	451.5	412.2	*+9.5*
ACRYLIC+MODACRYLIC	36.2	38.2	*-5.2*	42.0	*-13.8*	222.0	220.5	*+0.7*
POLYESTER	179.2	177.4	*+1.0*	171.6	*+4.4*	1150.5	1048.9	*+9.7*
OLEFIN	35.6	37.1	*-4.0*	37.5	*-5.1*	224.4	216.9	*+3.5*
TOTAL STAPLE	**326.0**	**330.3**	*-1.3*	**321.8**	*+1.3*	**2048.4**	**1898.5**	*+7.9*
TOTAL SYNTHETIC (NONCELL.)	**697.3**	**709.1**	*-1.7*	**673.9**	*+3.5*	**4267.1**	**3941.8**	*+8.3*
TOTAL MANUFACTURED FIBER	**736.6**	**752.0**	*-2.0*	**714.3**	*+3.1*	**4509.6**	**4173.7**	*+8.0*
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS[b]	698.5	718.3	*-2.8*	670.3	*+4.2*	4280.3	3908.0	*+9.5*
EXPORTS[c]	38.1	33.7	*+13.1*	44.0	*-13.4*	229.3	265.7	*-13.7*

-- No change.
a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

July 1992

Fiber Organon

A Monthly Review

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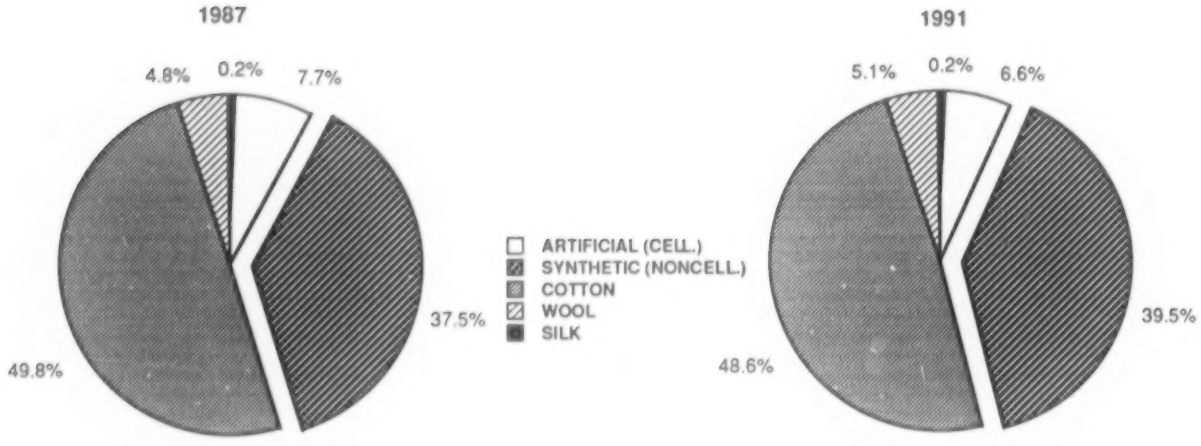
GRAPH 1:
WORLDWIDE DEMAND FOR CERTAIN FIBERS
SHARE



TOTAL: 80,784 MM LBS.

TOTAL: 84,531 MM LBS.

TABLE 2:
WORLDWIDE DEMAND FOR CERTAIN FIBERS
MILLION POUNDS

TYPE OF FIBER	1987	1988	1989	1990	1991	% CHANGE 1991/1990
ARTIFICIAL (CELLULOSIC) FIBERS						
YARN+MONOFILAMENTS	2009	2077	2027	1936	1835	*-5.2*
STAPLE+TOW	4220	4271	4396	4097	3708	*-9.5*
TOTAL ARTIFICIAL (CELLULOSIC)	**6229**	**6348**	**6423**	**6033**	**5543**	***-8.1***
SYNTHETIC (NONCELLULOSIC) FIBERS						
YARN+MONOFILAMENTS	13315	14447	15049	15481	15832	*+2.3*
STAPLE+TOW	16978	17250	17513	17372	17584	*+1.2*
TOTAL SYNTHETIC (NONCELLULOSIC)	**30293**	**31697**	**32562**	**32853**	**33416**	***+1.7***
TOTAL MANUFACTURED [a]	**36522**	**38045**	**38985**	**38886**	**38959**	***+0.2***
% of World Total	*45%*	*46%*	*46%*	*46%*	*46%*	
NATURAL FIBERS						
RAW COTTON [b]	40219	40750	41299	41257	41116	*-0.3*
RAW WOOL [c]	3904	3995	4116	4310	4308	--
RAW SILK [d]	139	141	146	146	148	*+1.4*
TOTAL NATURAL	**44262**	**44886**	**45561**	**45713**	**45572**	***-0.3***
% of World Total	*55%*	*54%*	*54%*	*54%*	*54%*	
WORLD TOTAL	**80784**	**82931**	**84546**	**84599**	**84531**	***-0.1***
World Total %	*100%*	*100%*	*100%*	*100%*	*100%*	

-- No change

The silk and manufactured fiber data are on a calendar year basis, while the figures for cotton and wool are on a seasonal basis.

a. Manufactured fiber data are from tables 4 and 5. Glass fiber, olefin and acetate cigarette tow production are not included.

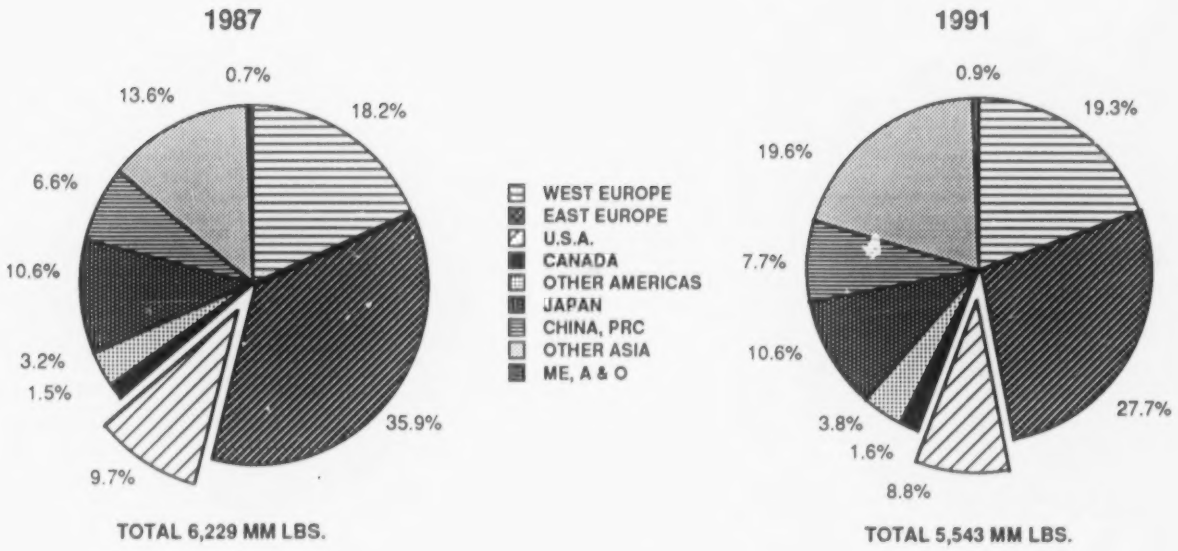
b. International Cotton Advisory Committee. ***COTTON: Review of the World Situation***, March - April 1992. New series based on cotton consumption data.

c. Commonwealth Secretariat. ***Wool Statistics 1990-91***, on a clean wool basis. See also the December 1991 ***Fiber Organon***, page 291.

d. International Silk Association; Food and Agriculture Organization of the United Nations.

GRAPH 2:
PERCENT SHARE OF WORLDWIDE ARTIFICIAL (CELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY AREA

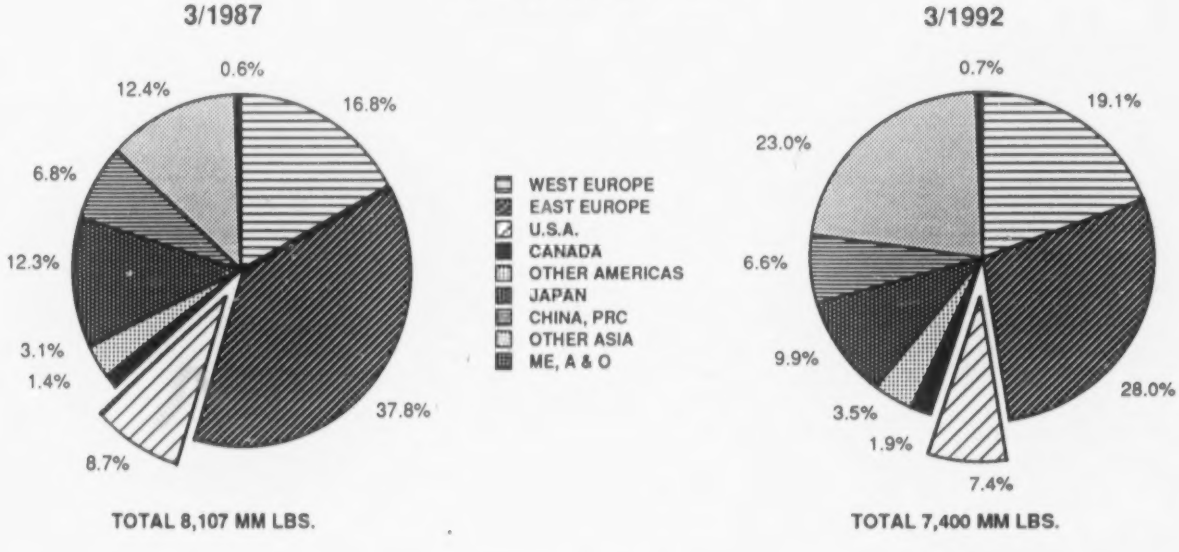
PRODUCTION



TOTAL 6,229 MM LBS.

TOTAL 5,543 MM LBS.

PRODUCING CAPACITY

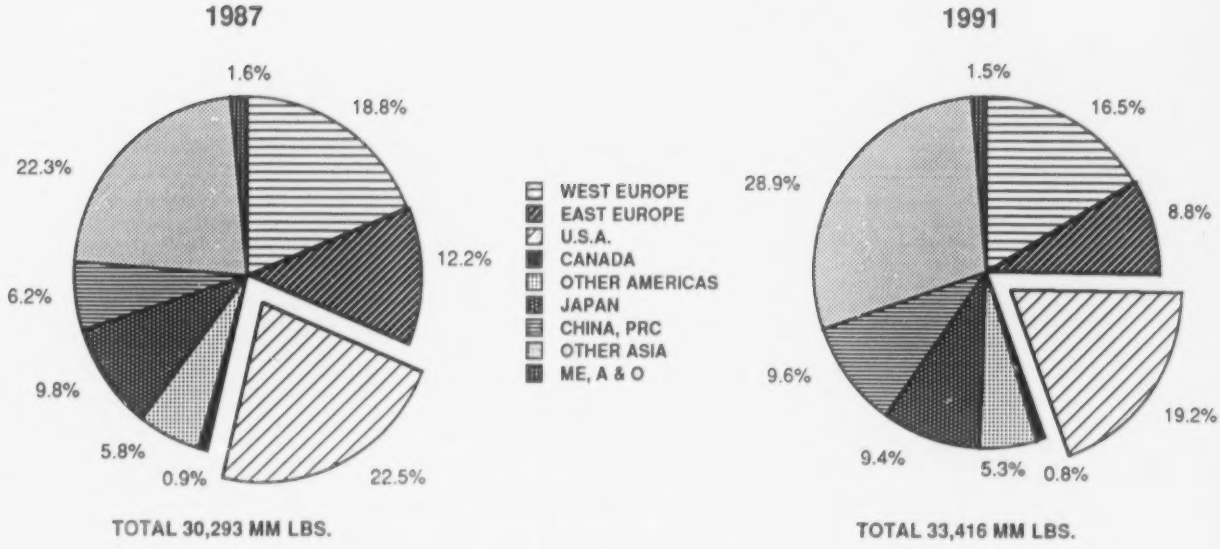


TOTAL 8,107 MM LBS.

TOTAL 7,400 MM LBS.

GRAPH 3:
PERCENT SHARE OF WORLDWIDE SYNTHETIC (NONCELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY AREA

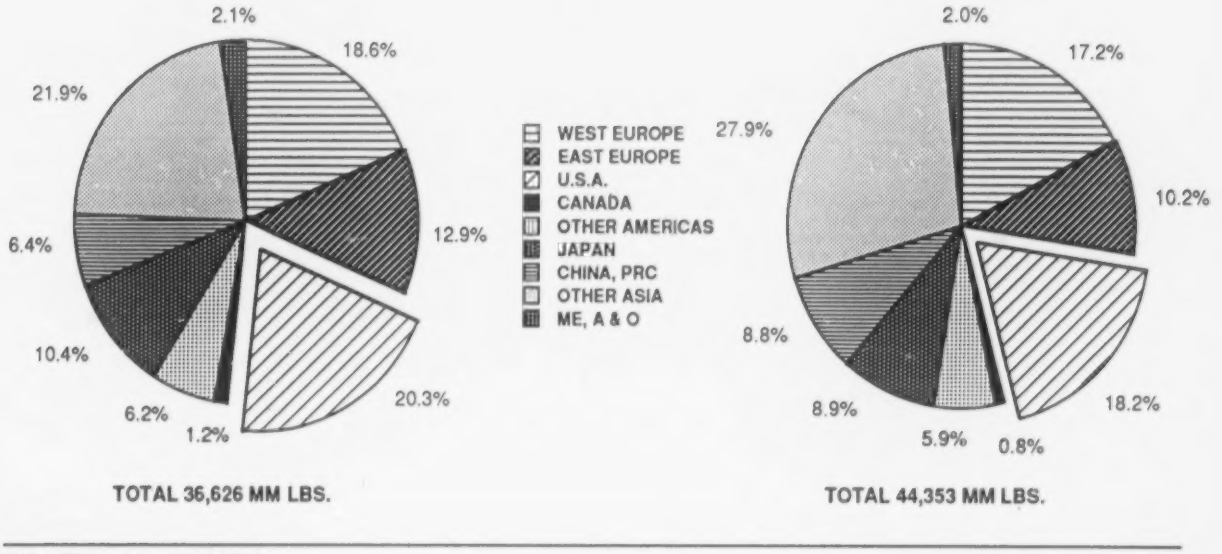
PRODUCTION



TOTAL 30,293 MM LBS.

TOTAL 33,416 MM LBS.

PRODUCING CAPACITY



TOTAL 36,626 MM LBS.

TOTAL 44,353 MM LBS.

TABLE 3:
WORLDWIDE SYNTHETIC (NONCELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY EXCEPT OLEFIN

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION								
	1987			1988			1989		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE									
AUSTRIA	0	34.6	34.6	0	36.8	36.8	0	38.4	38.4
BENELUX[a]	163.1	72.8	235.9	169.5	74.1	243.6	176.4	88.2	264.6
FINLAND	0.2	0	0.2	0.2	0	0.2	0.4	0	0.4
FRANCE	125.2	229.7	354.9	128.7	256.6	385.3	128.7	235.0	363.7
GERMANY[b]	783.3	890.7	1674.0	793.4	862.4	1655.8	782.6	925.9	1708.5
GREECE	20.7	22.0	42.7	20.9	20.9	41.8	22.5	17.6	40.1
IRELAND	24.3	138.9	163.2	29.8	144.8	174.6	36.8	161.6	198.4
ITALY/MALTA	377.0	867.7	1244.7	411.4	832.5	1243.9	429.9	760.6	1190.5
PORTUGAL	0	127.4	127.4	0	119.7	119.7	0	123.0	123.0
SPAIN	177.5	414.5	592.0	175.5	409.6	585.1	174.8	387.3	562.1
SWITZERLAND	146.0	48.7	194.7	160.5	60.4	220.9	160.1	50.7	210.8
TURKEY	152.1	421.1	573.2	169.8	401.2	571.0	191.8	432.1	623.9
UNITED KINGDOM	179.5	268.1	447.6	206.4	220.2	426.6	220.5	187.4	407.9
TOTAL WESTERN EUROPE	**2148.9**	**3536.2**	**5685.1**	**2266.1**	**3439.2**	**5705.3**	**2324.5**	**3407.8**	**5732.3**
EASTERN EUROPE									
ALBANIA	1.1	0	1.1	1.1	0	1.1	1.1	0	1.1
BULGARIA	87.3	107.4	194.7	90.2	108.5	198.7	90.2	109.3	199.5
C.I.S.	959.0	904.3	1863.3	1009.0	884.7	1893.7	1040.6	886.2	1926.8
CZECHOSLOVAKIA	168.9	102.5	271.4	204.1	107.1	311.2	195.5	115.3	310.8
EAST GERMANY	163.8	177.9	341.7	174.2	213.2	387.4	149.9	241.0	390.9
HUNGARY	15.0	30.4	45.4	17.6	31.3	48.9	13.7	30.9	44.6
POLAND	193.6	102.7	296.3	198.4	111.6	310.0	194.0	113.3	307.3
ROMANIA	131.2	313.9	445.1	107.4	316.6	424.0	89.5	261.7	351.2
YUGOSLAVIA	101.4	140.9	242.3	99.6	127.4	227.0	103.8	133.2	237.0
TOTAL EASTERN EUROPE	**1821.3**	**1880.0**	**3701.3**	**1901.6**	**1900.4**	**3802.0**	**1878.3**	**1890.9**	**3769.2**
TOTAL EUROPE	**3970.2**	**5416.2**	**9386.4**	**4167.7**	**5339.6**	**9507.3**	**4202.8**	**5298.7**	**9501.5**

Y Yarn+monofilaments.
S Staple+tow+fiberfill.
a. Includes Belgium, Netherlands and Luxembourg.
b. As of January 1991, East & West Germany combined under Germany.

ACTUAL PRODUCTION						PRODUCING CAPACITY					
1990			1991			3/1992			12/1993		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
0	38.6	38.6	0	37.9	37.9	*0*	*48.5*	*48.5*	*0*	*48.5*	*48.5*
176.4	88.2	264.6	201.5	93.9	295.4	*272.3*	*179.7*	*452.0*	*227.1*	*158.7*	*385.8*
0.4	0	0.4	0	0	0	*1.1*	*0*	*1.1*	*0*	*0*	*0*
129.4	216.7	346.1	108.0	114.6	222.6	*180.8*	*149.9*	*330.7*	*176.4*	*143.3*	*319.7*
800.3	912.7	1713.0	766.3	860.7	1627.0	*1146.4*	*1208.1*	*2354.5*	*1153.0*	*1212.5*	*2365.5*
22.5	8.8	31.3	13.2	0	13.2	*37.5*	*0*	*37.5*	*17.6*	*0*	*17.6*
35.5	169.5	205.0	36.2	173.3	209.5	*79.4*	*209.4*	*288.8*	*50.7*	*198.4*	*249.1*
411.2	825.6	1236.8	393.7	792.3	1186.0	*515.9*	*903.9*	*1419.8*	*514.1*	*934.3*	*1448.4*
0	127.4	127.4	0	141.1	141.1	*0*	*164.2*	*164.2*	*0*	*169.8*	*169.8*
175.3	378.1	553.4	169.8	366.0	535.8	*246.9*	*500.4*	*747.3*	*242.3*	*491.8*	*734.1*
166.4	39.7	206.1	147.3	35.3	182.6	*187.4*	*72.8*	*260.2*	*176.4*	*63.9*	*240.3*
187.4	404.5	591.9	299.8	376.5	676.3	*381.4*	*551.2*	*932.6*	*396.2*	*525.8*	*922.0*
220.5	180.8	401.3	169.8	227.1	396.9	*220.5*	*377.0*	*597.5*	*222.7*	*304.2*	*526.9*
2325.3	**3390.6**	**5715.9**	**2305.6**	**3218.7**	**5524.3**	***3269.6***	***4365.1***	***7634.7***	***3176.5***	***4251.2***	***7427.7***
1.1	0	1.1	2.2	0	2.2	*4.4*	*0*	*4.4*	*4.4*	*11.0*	*15.4*
72.8	91.3	164.1	72.5	78.5	151.0	*123.5*	*147.7*	*271.2*	*123.5*	*147.7*	*271.2*
1070.3	899.5	1969.8	953.0	826.9	1779.9	*1327.2*	*1095.7*	*2422.9*	*1351.4*	*1239.0*	*2590.4*
203.7	105.8	309.5	145.5	52.9	198.4	*223.5*	*191.8*	*415.3*	*246.9*	*191.8*	*438.7*
125.7	164.0	289.7	b	b	b	*b*	*b*	*b*	*b*	*b*	*b*
10.6	31.5	42.1	5.5	23.1	28.6	*18.7*	*55.1*	*73.8*	*18.7*	*77.2*	*95.9*
140.2	89.9	230.1	145.1	51.1	196.2	*245.2*	*127.9*	*373.1*	*245.2*	*149.9*	*395.1*
86.4	222.0	308.4	82.5	277.1	359.6	*117.1*	*377.0*	*494.1*	*117.1*	*377.0*	*494.1*
114.0	141.8	255.8	101.0	122.1	223.1	*196.2*	*273.4*	*469.6*	*202.8*	*273.4*	*476.2*
1824.8	**1745.8**	**3570.6**	**1507.3**	**1431.7**	**2939.0**	***2255.8***	***2268.6***	***4524.4***	***2310.0***	***2467.0***	***4777.0***
4150.1	**5136.4**	**9286.5**	**3812.9**	**4650.4**	**8463.3**	***5525.4***	***6633.7***	***12159.1***	***5486.5***	***6718.2***	***12204.7***

TABLE 3:
WORLDWIDE SYNTHETIC (NONCELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY EXCEPT OLEFIN *(CONTINUED)*

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION								
	1987			1988			1989		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	2875.9	3945.7	6821.6	2956.2	3981.6	6937.8	2968.3	3908.8	6877.1
CANADA	157.6	128.3	285.9	170.6	130.5	301.1	143.7	131.4	275.1
OTHER AMERICAS									
ARGENTINA	61.5	64.8	126.3	62.4	45.0	107.4	53.6	43.7	97.3
BRAZIL	300.6	246.5	547.1	277.3	251.1	528.4	290.1	251.8	541.9
CHILE	9.7	6.0	15.7	11.2	6.2	17.4	11.7	6.6	18.3
COLOMBIA	85.1	23.8	108.9	79.4	28.4	107.8	83.3	30.2	113.5
COSTA RICA	9.3	0	9.3	9.5	0	9.5	9.9	0	9.9
ECUADOR	12.3	0	12.3	14.3	0	14.3	11.5	0	11.5
MEXICO	276.2	458.3	734.5	290.1	460.1	750.2	330.7	447.1	777.8
PERU	26.2	73.9	100.1	26.9	69.7	96.6	25.4	58.6	84.0
URUGUAY	4.4	7.5	11.9	4.6	7.9	12.5	4.2	10.6	14.8
VENEZUELA	31.5	48.3	79.8	39.9	46.1	86.0	42.5	60.8	103.3
TOTAL OTHER AMERICAS	816.8	929.1	1745.9	815.6	914.5	1730.1	862.9	909.4	1772.3
JAPAN	1342.2	1613.3	2955.5	1364.4	1616.0	2980.4	1448.2	1596.1	3044.3
CHINA, PRC	460.8	1404.3	1865.1	899.0	1469.8	2368.8	1045.6	1651.0	2696.6
OTHER ASIA									
BANGLADESH	1.1	0	1.1	1.3	0	1.3	1.3	0	1.3
INDIA	353.4	233.0	586.4	441.1	267.9	709.0	478.8	329.6	808.4
INDONESIA	235.9	178.4	414.3	229.3	219.6	448.9	279.5	220.5	500.0
KOREA, REP. OF	1057.1	1081.6	2138.7	1279.3	1178.8	2458.1	1386.5	1236.8	2623.3
MALAYSIA	0	85.8	85.8	0	88.2	88.2	0	91.0	91.0
PAKISTAN	56.4	56.0	112.4	62.6	71.2	133.8	66.1	57.3	123.4
PHILIPPINES	50.7	28.0	78.7	54.0	33.1	87.1	42.5	36.4	78.9
SRI LANKA	3.3	0	3.3	4.2	0	4.2	4.4	0	4.4
TAIWAN	1576.5	1490.8	3067.3	1615.3	1537.7	3153.0	1727.3	1630.5	3357.8
THAILAND	113.1	148.1	261.2	123.9	164.0	287.9	138.2	179.7	317.9
TOTAL OTHER ASIA	3447.5	3301.7	6749.2	3811.0	3560.5	7371.5	4124.6	3781.8	7906.4
MIDDLE EAST, AFRICA & OCEANIA									
ALGERIA	0	0	0	0	0	0	0	0	0
AUSTRALIA/N.Z.	35.3	2.4	37.7	34.6	2.6	37.2	33.1	3.5	36.6
EGYPT	15.2	70.8	86.0	18.1	75.4	93.5	20.7	84.7	105.4
IRAN	20.9	57.1	78.0	21.8	55.1	76.9	22.7	63.9	86.6
ISRAEL	25.4	22.0	47.4	26.5	17.6	44.1	27.3	0	27.3
KENYA	11.0	2.4	13.4	11.0	2.4	13.4	13.2	2.4	15.6
NIGERIA	8.8	6.8	15.6	9.9	6.8	16.7	9.9	2.4	12.3
SOUTH AFRICA	120.8	77.8	198.6	133.8	77.6	211.4	125.7	79.1	204.8
TANZANIA	6.6	0	6.6	6.6	0	6.6	0	0	0
TOTAL M.E., A. & O.	244.0	239.3	483.3	262.3	237.5	499.8	252.6	236.0	488.6
TOTAL WORLD	13315.0	16977.9	30292.9	14446.8	17250.0	31696.8	15048.7	17513.2	32561.9

ACTUAL PRODUCTION						PRODUCING CAPACITY					
1990			1991			3/1992			12/1993		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
2777.1	3585.3	6362.4	2874.1	3525.6	6399.7	3625.0	4459.0	8084.0	3772.0	4466.0	8238.0
144.2	127.0	271.2	144.6	134.7	279.3	181.7	185.2	366.9	181.7	185.2	366.9
58.2	44.5	102.7	61.1	45.6	106.7	98.3	76.3	174.6	100.5	76.3	176.8
251.8	193.1	444.9	222.0	196.7	418.7	416.0	302.0	718.0	422.8	341.5	764.3
11.9	14.3	26.2	11.5	13.7	25.2	17.0	24.3	41.3	17.0	24.3	41.3
91.5	30.9	122.4	90.6	38.6	129.2	131.0	87.1	218.1	135.4	87.1	222.5
13.4	0	13.4	13.9	0	13.9	17.6	0	17.6	17.6	0	17.6
13.2	0	13.2	12.6	0	12.6	15.9	0	15.9	16.5	0	16.5
365.7	447.5	813.2	378.3	490.7	869.0	467.6	712.1	1179.7	478.6	793.7	1272.3
24.9	71.0	95.9	25.4	70.8	96.2	38.6	81.6	120.2	38.6	81.6	120.2
4.0	9.7	13.7	4.2	9.7	13.9	9.9	12.1	22.0	9.9	12.1	22.0
25.4	41.9	67.3	25.6	58.4	84.0	50.7	68.6	119.3	50.7	68.6	119.3
860.0	852.9	1712.9	845.2	924.2	1769.4	1262.6	1364.1	2626.7	1287.6	1485.2	2772.8
1547.8	1593.7	3141.5	1576.1	1575.6	3151.7	1957.7	1993.0	3950.7	1957.7	1993.0	3950.7
1171.1	1789.3	2960.4	1243.4	1953.1	3196.5	1499.1	2403.0	3902.1	1642.4	2766.8	4409.2
1.3	0	1.3	1.5	0	1.5	2.2	0	2.2	10.1	19.8	29.9
571.7	390.9	962.6	578.7	390.2	968.9	829.2	812.0	1641.2	1017.2	1019.2	2036.4
326.3	253.5	579.8	369.3	309.7	679.0	634.9	420.2	1055.1	822.3	698.9	1521.2
1482.2	1317.0	2799.2	1626.6	1380.7	3007.3	1830.7	1457.2	3287.9	2029.1	1523.4	3552.5
0	92.4	92.4	0	99.2	99.2	24.3	138.9	163.2	81.6	160.9	242.5
69.4	88.6	158.0	81.1	142.2	223.3	149.9	231.5	381.4	158.7	275.6	434.3
49.6	38.6	88.2	57.5	73.9	131.4	160.9	79.4	240.3	183.0	79.4	262.4
4.6	0	4.6	5.5	0	5.5	7.3	0	7.3	7.3	0	7.3
1909.2	1665.6	3574.8	2165.8	1893.8	4059.6	2594.2	2134.9	4729.1	2594.2	2134.9	4729.1
154.1	201.7	355.8	193.3	279.5	472.8	460.1	425.5	885.6	539.5	555.6	1095.1
4568.4	4048.3	8616.7	5079.3	4569.2	9648.5	6693.7	5699.6	12393.3	7443.0	6467.7	13910.7
0	0	0	0	0	0	0	0	0	0	33.1	33.1
33.7	4.4	38.1	31.1	4.6	35.7	44.1	4.9	49.0	44.1	4.9	49.0
23.6	88.2	111.8	21.4	89.9	111.3	44.1	191.8	235.9	52.9	207.2	260.1
26.9	70.5	97.4	29.1	79.6	108.7	97.0	97.0	194.0	97.0	132.3	229.3
28.4	0	28.4	23.8	0	23.8	37.5	0	37.5	37.5	0	37.5
13.9	2.2	16.1	13.9	2.6	16.5	34.8	6.6	41.4	34.8	6.6	41.4
10.4	2.4	12.8	10.6	2.9	13.5	39.7	6.6	46.3	50.7	30.9	81.6
126.3	71.0	197.3	126.8	71.4	198.2	151.7	103.0	254.7	164.7	103.0	267.7
0	0	0	0	0	0	11.0	0	11.0	11.0	0	11.0
263.2	238.7	501.9	256.7	251.0	507.7	459.9	409.9	869.8	492.7	518.0	1010.7
15481.9	17371.6	32853.5	15832.3	17583.8	33416.1	21205.1	23147.5	44352.6	22263.6	24600.1	46863.7

TABLE 4:
WORLDWIDE ARTIFICIAL (CELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY
MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION								
	1987			1988			1989		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
WESTERN EUROPE [a]									
AUSTRIA			264.6			291.0			299.8
BELGIUM/NETHERLANDS			88.2			90.4			88.2
FINLAND			119.0			133.2			142.9
FRANCE			50.7			33.1			4.4
GERMANY [b]	DETAIL NO LONGER AVAILABLE		260.1	DETAIL NO LONGER AVAILABLE		269.0	DETAIL NO LONGER AVAILABLE		284.4
GREECE			17.2			15.9			16.5
ITALY			63.9			70.5			77.2
PORTUGAL			2.6			1.8			2.0
SPAIN			77.2			81.6			88.2
SWEDEN			50.7			44.1			44.8
TURKEY			17.6			19.2			20.5
UNITED KINGDOM			121.3			141.1			121.3
TOTAL WESTERN EUROPE	**407.8**	**725.3**	**1133.1**	**421.2**	**769.7**	**1190.9**	**434.4**	**755.8**	**1190.2**
EASTERN EUROPE									
BULGARIA	9.5	0	9.5	9.7	0	9.7	9.3	0	9.3
C.I.S.	543.4	760.6	1304.0	581.6	743.4	1325.0	540.3	747.1	1287.4
CZECHOSLOVAKIA	40.6	81.1	121.7	41.4	87.1	128.5	30.6	87.3	117.9
EAST GERMANY	79.1	266.1	345.2	80.0	261.9	341.9	62.6	266.8	329.4
HUNGARY	0	9.0	9.0	0	9.3	9.3	0	9.5	9.5
POLAND	42.5	119.0	161.5	44.5	119.0	163.5	38.6	106.0	144.6
ROMANIA	19.8	125.7	145.5	20.1	146.6	166.7	20.5	190.9	211.4
YUGOSLAVIA	29.3	110.2	139.5	30.9	119.0	149.9	32.8	123.9	156.7
TOTAL EASTERN EUROPE	**764.2**	**1471.7**	**2235.9**	**808.2**	**1486.3**	**2294.5**	**734.7**	**1531.5**	**2266.2**
TOTAL EUROPE	**1172.0**	**2197.0**	**3369.0**	**1229.4**	**2256.0**	**3485.4**	**1169.1**	**2287.3**	**3456.4**

Y Yarn+monofilaments.
S Staple+tow+fiberfill.
a. Due to disclosure, country detail is no longer available.
b. As of January 1991, East & West Germany combined under Germany.
These totals do not include data for the Indonesian pilot plant nor production of artificial (cellulosic) fiber in North Korea.
Production and producing capacity by country, divided between rayon and acetate yarn, is given on pages 138 - 139.
Also note page 144 for data on production of cigarette tow.

ACTUAL PRODUCTION						PRODUCING CAPACITY					
1990			1991			3/1992			12/1993		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
		297.6			264.6			*299.8*			*299.8*
		86.0			83.8			*94.8*			*94.8*
		140.7			104.5			*158.7*			*134.5*
		4.4			4.4			*6.6*			*6.6*
DETAIL NO LONGER AVAILABLE		286.6	DETAIL NO LONGER AVAILABLE		260.1	DETAIL NO LONGER AVAILABLE		*396.8*	DETAIL NO LONGER AVAILABLE		*423.3*
		15.4			11.0			*17.6*			*17.6*
		79.4			70.5			*97.0*			*97.0*
		1.8			1.8			*2.2*			*2.2*
		79.4			66.1			*92.6*			*92.6*
		53.8			41.4			*55.1*			*57.3*
		23.6			23.8			*24.7*			*24.7*
		156.5			138.9			*167.5*			*167.5*
416.7	**808.5**	**1225.2**	**407.4**	**663.5**	**1070.9**	***482.7***	***930.7***	***1413.4***	***482.7***	***935.2***	***1417.9***
9.5	0	9.5	9.3	0	9.3	*11.0*	*0*	*11.0*	*11.0*	*0*	*11.0*
487.2	712.1	1199.3	504.9	634.9	1139.8	*621.7*	*747.4*	*1369.1*	*621.7*	*747.4*	*1369.1*
22.0	84.9	106.9	4.0	80.9	84.9	*7.7*	*125.7*	*133.4*	*7.7*	*125.7*	*133.4*
57.5	94.8	152.3	b	b	b	*b*	*b*	*b*	*b*	*b*	*b*
0	9.0	9.0	0	0	0	*22.0*	*0*	*22.0*	*22.0*	*0*	*22.0*
40.3	48.1	88.4	18.3	37.9	56.2	*50.7*	*99.2*	*149.9*	*50.7*	*99.2*	*149.9*
21.6	110.5	132.1	13.7	70.1	83.8	*24.3*	*194.0*	*218.3*	*24.3*	*194.0*	*218.3*
33.5	126.8	160.3	33.1	127.6	160.7	*37.5*	*132.3*	*169.8*	*37.5*	*132.3*	*169.8*
671.6	**1186.2**	**1857.8**	**583.3**	**951.4**	**1534.7**	***774.9***	***1298.6***	***2073.5***	***774.9***	***1298.6***	***2073.5***
1088.3	**1994.7**	**3083.0**	**990.7**	**1614.9**	**2605.6**	***1257.6***	***2229.3***	***3486.9***	***1257.6***	***2233.8***	***3491.4***

TABLE 4:
WORLDWIDE ARTIFICIAL (CELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY COUNTRY *(CONTINUED)*

MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION								
	1987			1988			1989		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
U.S.A.	191.1	414.3	605.4	213.9	399.8	613.7	217.5	362.8	580.3
CANADA	28.7	62.8	91.5	28.9	73.2	102.1	28.9	73.9	102.8
OTHER AMERICAS									
ARGENTINA	7.3	5.5	12.8	7.7	0	7.7	7.5	0	7.5
BRAZIL	33.1	74.7	107.8	32.8	80.7	113.5	32.6	88.6	121.2
CHILE	2.9	8.8	11.7	2.9	9.0	11.9	2.9	9.3	12.2
COLOMBIA	5.1	0	5.1	3.3	0	3.3	2.2	0	2.2
CUBA	6.0	19.4	25.4	1.5	19.6	21.1	1.3	23.4	24.7
MEXICO	25.1	0	25.1	26.5	0	26.5	27.8	0	27.8
PERU	2.4	0	2.4	2.9	0	2.9	3.1	0	3.1
URUGUAY	2.6	0	2.6	3.5	0	3.5	2.9	0	2.9
VENEZUELA	4.9	0	4.9	4.9	0	4.9	3.3	0	3.3
TOTAL OTHER AMERICAS	89.4	108.4	197.8	86.0	109.3	195.3	83.6	121.3	204.9
JAPAN	219.1	443.3	662.4	220.0	420.6	640.6	218.0	383.6	601.6
CHINA, PRC	121.3	291.0	412.3	105.6	264.6	370.2	105.6	286.6	392.2
OTHER ASIA									
BANGLADESH	9.9	2.9	12.8	10.6	2.2	12.8	11.0	2.6	13.6
INDIA	111.8	257.5	369.3	116.0	267.9	383.9	124.3	313.7	438.0
INDONESIA	0	114.6	114.6	0	130.1	130.1	0	130.1	130.1
KOREA, REP. OF	31.1	0	31.1	33.3	0	33.3	33.7	0	33.7
PAKISTAN	7.3	0	7.3	6.2	0	6.2	6.2	0	6.2
PHILLIPPINES	0	0	0	0	0	0	0	0	0
TAIWAN	5.3	258.4	263.7	5.7	271.6	277.3	5.7	319.7	325.4
THAILAND	0	47.2	47.2	0	52.9	52.9	0	90.8	90.8
TOTAL OTHER ASIA	165.4	680.6	846.0	171.8	724.7	896.5	180.9	856.9	1037.8
MIDDLE EAST, AFRICA & OCEANIA									
EGYPT	15.4	10.6	26.0	15.4	11.0	26.4	17.0	11.5	28.5
IRAQ	6.8	12.1	18.9	6.4	12.1	18.5	6.6	12.3	18.9
TOTAL M.E., A & O	22.2	22.7	44.9	21.8	23.1	44.9	23.6	23.8	47.4
TOTAL WORLD	2009.2	4220.1	6229.3	2077.4	4271.3	6348.7	2027.2	4396.2	6423.4

ACTUAL PRODUCTION						PRODUCING CAPACITY					
1990			1991			3/1992			12/1993		
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
206.2	299.1	505.3	213.2	273.3	486.5	*220.0*	*325.0*	*545.0*	*220.0*	*325.0*	*545.0*
24.7	62.8	87.5	24.9	65.0	89.9	*54.0*	*83.8*	*137.8*	*54.0*	*83.8*	*137.8*
5.1	0	5.1	6.0	0	6.0	*8.8*	*0*	*8.8*	*8.8*	*0*	*8.8*
32.8	87.3	120.1	32.6	98.3	130.9	*37.5*	*103.6*	*141.1*	*37.5*	*125.7*	*163.2*
2.9	9.5	12.4	3.1	9.5	12.6	*3.3*	*11.9*	*15.2*	*3.3*	*11.9*	*15.2*
4.4	0	4.4	4.6	0	4.6	*7.7*	*0*	*7.7*	*7.7*	*0*	*7.7*
0.2	17.4	17.6	0.7	18.3	19.0	*3.3*	*24.3*	*27.6*	*3.3*	*24.3*	*27.6*
27.8	0	27.8	29.5	0	29.5	*46.5*	*0*	*46.5*	*46.5*	*0*	*46.5*
3.1	0	3.1	3.1	0	3.1	*3.7*	*0*	*3.7*	*3.7*	*0*	*3.7*
3.5	0	3.5	3.7	0	3.7	*4.2*	*0*	*4.2*	*4.2*	*0*	*4.2*
3.1	0	3.1	3.3	0	3.3	*5.3*	*0*	*5.3*	*5.3*	*0*	*5.3*
82.9	114.2	197.1	86.6	126.1	212.7	*120.3*	*139.8*	*260.1*	*120.3*	*161.9*	*282.2*
218.5	389.6	608.1	212.7	374.6	587.3	*258.8*	*473.8*	*732.6*	*258.8*	*473.8*	*732.6*
107.4	315.3	422.7	107.8	319.7	427.5	*132.3*	*352.7*	*485.0*	*132.3*	*352.7*	*485.0*
10.4	2.6	13.0	10.6	2.6	13.2	*14.3*	*11.0*	*25.3*	*14.3*	*11.0*	*25.3*
128.3	349.4	477.7	130.1	344.8	474.9	*166.0*	*431.7*	*597.7*	*172.4*	*572.8*	*745.2*
0	132.3	132.3	0	138.9	138.9	*0*	*451.9*	*451.9*	*0*	*562.2*	*562.2*
34.8	0	34.8	24.0	0	24.0	*39.7*	*46.3*	*86.0*	*39.7*	*46.3*	*86.0*
6.2	0	6.2	6.2	0	6.2	*6.6*	*0*	*6.6*	*6.6*	*0*	*6.6*
0	0	0	0	0	0	*0*	*55.1*	*55.1*	*0*	*55.1*	*55.1*
4.9	321.2	326.1	4.6	324.1	328.7	*7.1*	*330.0*	*337.1*	*7.1*	*330.0*	*337.1*
0	91.5	91.5	0	99.9	99.9	*0*	*141.1*	*141.1*	*0*	*165.3*	*165.3*
184.6	897.0	1081.6	175.5	910.3	1085.8	*233.7*	*1467.1*	*1700.8*	*240.1*	*1742.7*	*1982.8*
17.4	11.5	28.9	17.4	11.5	28.9	*17.6*	*11.9*	*29.5*	*17.6*	*11.9*	*29.5*
6.6	12.3	18.9	6.6	12.3	18.9	*7.7*	*14.3*	*22.0*	*7.7*	*14.3*	*22.0*
24.0	23.8	47.8	24.0	23.8	47.8	*25.3*	*26.2*	*51.5*	*25.3*	*26.2*	*51.5*
1936.6	4096.5	6033.1	1835.4	3707.7	5543.1	*2302.0*	*5097.7*	*7399.7*	*2308.4*	*5399.9*	*7708.3*

TABLE 5:
WORLDWIDE RAYON VS. ACETATE FILAMENT YARN PRODUCTION & PRODUCING CAPACITY BY COUNTRY
MILLION POUNDS

COUNTRY	ACTUAL PRODUCTION								
	1987			1988			1989		
	H	R&C	A	H	R&C	A	H	R&C	A
WESTERN EUROPE									
AUSTRIA									
BELGIUM/NETHERLANDS									
FRANCE		DETAIL NO LONGER AVAILABLE			DETAIL NO LONGER AVAILABLE			DETAIL NO LONGER AVAILABLE	
WEST GERMANY [a] [d]									
ITALY [a]									
SPAIN									
UNITED KINGDOM									
OTHER [b]									
TOTAL WESTERN EUROPE	**148**	**154**	**106**	**165**	**146**	**110**	**174**	**148**	**112**
EASTERN EUROPE									
BULGARIA	0	9	0	0	9	0	0	9	0
C.I.S. [a]	258	176	110	262	187	132	229	201	110
CZECHOSLOVAKIA	18	22	0	20	22	0	11	20	0
EAST GERMANY	31	49	0	31	51	0	9	53	0
HUNGARY	0	0	0	0	0	0	0	0	0
POLAND	11	33	0	11	35	0	11	29	0
ROMANIA	11	9	0	11	9	0	11	9	0
YUGOSLAVIA	13	15	0	13	15	0	15	18	0
TOTAL EASTERN EUROPE	**342**	**313**	**110**	**348**	**328**	**132**	**286**	**339**	**110**
U.S.A. [a]	**15**	**13**	**163**	**15**	**13**	**185**	**NA**	**NA**	**NA**
CANADA	**0**	**0**	**29**	**0**	**0**	**29**	**NA**	**NA**	**NA**
OTHER AMERICAS									
ARGENTINA	0	0	7	0	0	8	0	0	8
BRAZIL	0	33	0	0	33	0	0	33	0
CHILE	0	3	0	0	3	0	0	3	0
COLOMBIA	0	0	5	0	0	4	0	0	2
CUBA	7	0	0	2	0	0	2	0	0
MEXICO	4	9	13	4	9	13	4	9	15
PERU	0	0	2	0	0	2	0	0	2
URUGUAY	0	0	2	0	0	4	0	0	2
VENEZUELA	0	0	4	0	0	4	0	0	4
TOTAL OTHER AMERICAS	**11**	**45**	**33**	**6**	**45**	**35**	**6**	**45**	**33**
JAPAN [a]	**4**	**155**	**60**	**2**	**158**	**60**	**0**	**161**	**57**
CHINA, PRC	**0**	**121**	**0**	**22**	**84**	**0**	**22**	**84**	**0**
OTHER ASIA									
BANGLADESH	0	10	0	0	11	0	0	11	0
INDIA	11	101	+	20	97	0	18	106	0
KOREA, REP. OF	0	26	5	0	26	7	0	24	9
PAKISTAN	0	0	7	0	0	7	0	0	7
TAIWAN	0	5	0	0	4	0	0	6	0
TOTAL OTHER ASIA	**11**	**142**	**12**	**20**	**138**	**14**	**18**	**147**	**16**
OTHER M.E., A & O [c]	**0**	**22**	**0**	**0**	**22**	**0**	**0**	**24**	**0**
WORLD TOTAL	**531**	**965**	**513**	**578**	**934**	**565**	**NA**	**NA**	**NA**

NA No Longer Available
H High tenacity (tire & industrial type) viscose rayon yarn.
R Regular + intermediate tenacity viscose rayon yarn.
C Cuprammonium rayon yarn.
A Acetate + triacetate yarn.
a. Produces both regular + intermediate rayon yarn and cuprammonium rayon yarn.
b. Comprises Greece, Portugal and Turkey.
c. Comprises Egypt and Iraq.
d. As of January 1991, East & West Germany combined under Germany.

ACTUAL PRODUCTION						PRODUCING CAPACITY					
1990			1991			3/1992			12/1993		
H	R&C	A	H	R&C	A	H	R&C	A	H	R&C	A
DETAIL NO LONGER AVAILABLE			DETAIL NO LONGER AVAILABLE			DETAIL NO LONGER AVAILABLE			DETAIL NO LONGER AVAILABLE		
157	**148**	**112**	**154**	**143**	**110**	***192***	***165***	***126***	***192***	***165***	***126***
0	10	0	0	9	0	*0*	*11*	*0*	*0*	*11*	*0*
190	187	110	219	176	110	*298*	*192*	*132*	*298*	*192*	*132*
7	15	0	0	4	0	*0*	*8*	*0*	*0*	*8*	*0*
4	53	0	d	d	d	*d*	*d*	*d*	*d*	*d*	*d*
0	0	0	0	0	0	*0*	*22*	*0*	*0*	*22*	*0*
9	31	0	0	18	0	*0*	*51*	*0*	*0*	*51*	*0*
13	9	0	9	5	0	*13*	*11*	*0*	*13*	*11*	*0*
18	15	0	15	18	0	*17*	*20*	*0*	*17*	*20*	*0*
241	**320**	**110**	**243**	**230**	**110**	***328***	***315***	***132***	***328***	***315***	***132***
NA	**NA**	**NA**	**NA**	**NA**	**NA**	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***
NA	**NA**	**NA**	**NA**	**NA**	**NA**	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***
0	0	5	0	0	6	*0*	*0*	*9*	*0*	*0*	*9*
0	33	0	0	33	0	*0*	*37*	*0*	*0*	*37*	*0*
0	3	0	0	3	0	*0*	*2*	*0*	*0*	*2*	*0*
0	0	4	0	0	5	*0*	*0*	*9*	*0*	*0*	*9*
+	0	0	+	0	0	*4*	*0*	*0*	*4*	*0*	*0*
7	7	15	7	7	15	*7*	*9*	*31*	*7*	*9*	*31*
0	0	3	0	0	3	*0*	*0*	*4*	*0*	*0*	*4*
0	0	3	0	0	3	*0*	*0*	*4*	*0*	*0*	*4*
0	0	3	0	0	3	*0*	*0*	*4*	*0*	*0*	*4*
7	**43**	**33**	**7**	**43**	**35**	***11***	***48***	***61***	***11***	***48***	***61***
0	**159**	**60**	**0**	**153**	**60**	***0***	***185***	***73***	***0***	***185***	***73***
22	**85**	**0**	**22**	**86**	**0**	***26***	***106***	***0***	***26***	***106***	***0***
0	11	0	0	11	0	*0*	*15*	*0*	*0*	*15*	*0*
15	112	0	18	112	0	*46*	*119*	*0*	*46*	*126*	*0*
0	24	11	0	13	11	*0*	*26*	*13*	*0*	*26*	*13*
0	0	7	0	0	7	*0*	*0*	*7*	*0*	*0*	*7*
0	5	0	0	4	0	*0*	*7*	*0*	*0*	*7*	*0*
15	**152**	**18**	**18**	**140**	**18**	***46***	***167***	***20***	***46***	***174***	***20***
0	**24**	**0**	**0**	**24**	**0**	***0***	***25***	***0***	***0***	***25***	***0***
NA	**NA**	**NA**	**NA**	**NA**	**NA**	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***

TABLE 6:
WORLDWIDE SYNTHETIC (NONCELLULOSIC) FIBER PRODUCTION & PRODUCING CAPACITY BY FIBER EXCEPT OLEFIN

MILLION POUNDS

FIBER & AREA	ACTUAL PRODUCTION								
	1987			1988			1989		
	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL
ACRYLIC+MODACRYLIC									
WEST EUROPE*	2	2090	2092	2	1929	1931	2	1748	1750
EAST EUROPE	0	611	611	0	628	628	0	628	628
U.S.A.	0	591	591	0	589	589	0	542	542
CANADA	0	0	0	0	0	0	0	0	0
OTHER AMERICAS	0	399	399	0	399	399	0	377	377
JAPAN	7	891	898	7	871	878	7	802	809
CHINA, PRC	0	165	165	0	170	170	0	231	231
OTHER ASIA	0	758	758	0	774	774	0	794	794
MIDDLE EAST, AFRICA & OCEANIA	0	44	44	0	37	37	0	31	31
TOTAL	**9**	**5549**	**5558**	**9**	**5397**	**5406**	**9**	**5153**	**5162**
NYLON+ARAMID [a]									
WEST EUROPE*	1142	302	1444	1208	302	1510	1228	326	1554
EAST EUROPE	1270	220	1490	1307	205	1512	1294	187	1481
U.S.A.	1698	992	2690	1728	941	2669	1759	981	2740
CANADA	112	29	141	121	29	150	123	35	158
OTHER AMERICAS	364	22	386	353	15	368	364	15	379
JAPAN	578	37	615	589	33	622	586	35	621
CHINA, PRC	174	2	176	205	2	207	223	4	227
OTHER ASIA	935	13	948	1016	13	1029	1060	13	1073
MIDDLE EAST, AFRICA & OCEANIA	128	2	130	137	2	139	126	2	128
TOTAL	**6401**	**1619**	**8020**	**6664**	**1542**	**8206**	**6763**	**1598**	**8361**
POLYESTER									
WEST EUROPE*	994	1124	2118	1045	1188	2233	1075	1314	2389
EAST EUROPE	549	1043	1592	593	1060	1653	582	1069	1651
U.S.A.	1178	2363	3541	1228	2452	3680	1209	2386	3595
CANADA	45	99	144	50	102	152	21	96	117
OTHER AMERICAS	451	508	959	461	500	961	497	517	1014
JAPAN	713	623	1336	724	646	1370	311	679	1490
CHINA, PRC	265	1093	1358	677	1168	1845	805	1279	2084
OTHER ASIA	2513	2527	5040	2795	2771	5566	3064	2973	6037
MIDDLE EAST, AFRICA & OCEANIA	116	194	310	125	199	324	127	203	330
TOTAL	**6824**	**9574**	**16398**	**7698**	**10086**	**17784**	**8191**	**10516**	**18707**
OTHER FIBERS EXCEPT OLEFIN [b]									
WEST EUROPE*	11	20	31	11	20	31	20	20	40
EAST EUROPE	2	6	8	2	7	9	2	7	9
U.S.A.	+	+	+	+	+	+	+	+	+
CANADA	+	0	+	+	0	+	+	0	+
OTHER AMERICAS	2	0	2	2	0	2	2	0	2
JAPAN	44	62	106	44	66	110	44	80	124
CHINA, PRC	22	144	166	17	130	147	18	137	155
OTHER ASIA	0	4	4	0	2	2	0	2	2
MIDDLE EAST, AFRICA & OCEANIA	0	0	0	0	0	0	0	0	0
TOTAL	**81**	**236**	**317**	**76**	**225**	**301**	**86**	**246**	**332**
TOTAL FIBERS ABOVE									
WEST EUROPE*	2149	3536	5685	2266	3439	5705	2325	3408	5733
EAST EUROPE	1821	1880	3701	1902	1900	3802	1878	1891	3769
U.S.A.	2876	3946	6822	2956	3982	6938	2968	3909	6877
CANADA	157	128	285	171	131	302	144	131	275
OTHER AMERICAS	817	929	1746	816	914	1730	863	909	1772
JAPAN	1342	1613	2955	1364	1616	2980	1448	1596	3044
CHINA, PRC	461	1404	1865	899	1470	2369	1046	1651	2697
OTHER ASIA	3448	3302	6750	3811	3560	7371	4124	3782	7906
MIDDLE EAST, AFRICA & OCEANIA	244	240	484	262	238	500	253	236	489
WORLD TOTAL	**13315**	**16978**	**30293**	**14447**	**17250**	**31697**	**15049**	**17513**	**32562**

Y Yarn+monofilaments.
S Staple+tow+fiberfill.
+ Nominal quantities.
-- Negligable

* As of January 1991, data include East Germany.
a. U.S.A. nylon producing capacity data do not include aramid.
b. Other fibers are alginate, azlon, spandex or elastomer, saran, TFE-fluorocarbon, vinal and vinyon. U.S.A. production data do not include spandex.

ACTUAL PRODUCTION						PRODUCING CAPACITY						% UTILIZATION [c]	
1990			1991			3/1992			12/1993				
Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S	TOTAL	Y	S
0	1779	1779	0	1700	1700	0	2262	2262	0	2207	2207	0	74.3
0	578	578	0	496	496	0	716	716	0	747	747	0	59.6
0	505	505	0	454	454	0	496	496	0	496	496	0	93.4
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	362	362	0	399	399	0	516	516	0	549	549	0	74.6
9	791	800	9	798	807	13	939	952	13	939	952	69.2	85.0
0	269	269	0	282	282	0	342	342	0	584	584	0	78.7
0	794	794	0	869	869	0	988	988	0	1138	1138	0	89.7
0	37	37	0	44	44	0	55	55	0	71	71	0	80.0
9	**5115**	**5124**	**9**	**5042**	**5051**	**13**	**6314**	**6327**	**13**	**6731**	**6744**	**69.2**	**78.0**
1173	337	1510	1215	342	1557	1753	476	2229	1700	467	2167	75.1	76.4
1239	176	1415	1032	139	1171	1455	256	1711	1486	256	1742	67.5	53.0
1671	990	2661	1667	869	2536	2028	1116	3144	2149	1116	3265	82.7	77.4
123	35	158	123	33	156	157	53	210	157	53	210	66.3	62.3
353	13	366	359	13	372	538	26	564	549	26	575	66.9	45.6
604	33	637	584	31	615	705	55	760	705	55	760	81.8	53.9
225	4	229	240	11	251	353	22	375	386	33	419	72.5	50.0
1124	13	1137	1239	9	1248	1894	22	1916	2176	44	2220	71.9	45.0
130	2	132	130	2	132	231	7	238	234	7	241	59.9	28.6
6642	**1603**	**8245**	**6589**	**1449**	**8038**	**9114**	**2033**	**11147**	**9542**	**2057**	**11599**	**74.3**	**71.7**
1126	1257	2383	1060	1160	2220	1477	1590	3067	1435	1543	2978	74.6	74.6
584	988	1572	473	790	1263	799	1279	2078	822	1446	2268	55.8	56.3
1106	2090	3196	1207	2203	3410	1597	2847	4444	1623	2854	4477	81.4	80.9
21	92	113	22	102	124	25	132	157	25	132	157	89.8	85.0
505	478	983	484	512	996	721	822	1543	735	910	1645	69.6	64.2
893	686	1579	944	664	1608	1168	780	1948	1168	780	1948	82.0	84.3
926	1371	2297	981	1508	2489	1113	1874	2987	1223	1985	3208	95.4	79.0
3444	3239	6683	3840	3689	7529	4799	4690	9489	5267	5286	10553	84.1	80.7
133	200	333	127	205	332	229	348	577	259	440	699	53.8	57.7
8738	**10401**	**19139**	**9138**	**10833**	**19971**	**11928**	**14362**	**26290**	**12557**	**15376**	**27933**	**79.8**	**76.2**
26	18	44	31	17	48	40	37	77	42	34	76	82.7	50.0
2	4	6	2	7	9	2	18	20	2	18	20	100.0	38.9
+	+	+	+	+	+	+	+	+	+	+	+	--	--
+	0	+	+	0	+	+	0	+	+	0	+	--	0
2	0	2	2	0	2	4	0	4	4	0	4	50.0	0
42	84	126	39	82	121	71	219	290	71	219	290	56.9	37.5
20	145	165	22	152	174	33	165	198	33	165	198	66.7	92.1
0	2	2	0	2	2	0	0	0	0	0	0	0	100.0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	**253**	**345**	**96**	**260**	**356**	**150**	**439**	**589**	**152**	**436**	**588**	**66.2**	**59.6**
2325	3391	5716	2306	3219	5525	3270	4365	7635	3177	4251	7428	74.9	74.4
1825	1746	3571	1507	1432	2939	2256	2269	4525	2310	2467	4777	63.3	56.9
2777	3585	6362	2874	3526	6400	3625	4459	8084	3772	4466	8238	82.2	81.4
144	127	271	145	135	280	182	185	367	182	185	367	69.0	78.0
860	853	1713	845	924	1769	1263	1364	2627	1288	1485	2773	68.3	67.9
1548	1594	3142	1576	1575	3151	1957	1993	3950	1957	1993	3950	80.9	78.6
1171	1789	2960	1243	1953	3196	1499	2403	3902	1642	2767	4409	89.3	79.6
4568	4048	8616	5079	4569	9648	6693	5700	12393	7443	6468	13911	80.8	82.2
263	239	502	257	251	508	460	410	870	493	518	1011	56.7	60.2
15481	**17372**	**32853**	**15832**	**17584**	**33416**	**21205**	**23148**	**44353**	**22264**	**24600**	**46864**	**77.3**	**76.0**

c. Based on 1991 production and average March 1991 vs. 1992 producing capacity.
The regional totals here are the same as those on pages 130 - 133.

TABLE 7:
WORLDWIDE OLEFIN FIBER PRODUCTION
MILLION POUNDS

COUNTRY	1987	1988	1989	1990	1991
WEST EUROPE					
AUSTRIA	60	66	64	66	64
BENELUX	353	364	441	474	507
DENMARK	66	71	79	95	101
FINLAND	40	42	22	24	26
FRANCE	128	154	154	152	161
GREECE/CYPRUS	35	37	40	44	44
GERMANY[a]	254	298	320	357	384
IRELAND	22	22	22	22	22
ITALY	287	298	298	331	331
NORWAY	11	9	11	11	13
PORTUGAL	79	82	84	84	88
SPAIN	108	117	123	132	141
SWEDEN	13	15	18	22	22
SWITZERLAND	44	49	46	51	51
TURKEY	15	15	22	22	22
UNITED KINGDOM	276	309	320	331	348
TOTAL WEST EUROPE	**1791**	**1948**	**2064**	**2218**	**2325**
EAST EUROPE					
BULGARIA	55	55	44	35	26
C.I.S.	62	71	79	88	146
CZECHOSLOVAKIA	93	95	97	101	99
EAST GERMANY	22	22	22	22	[a]
HUNGARY	49	57	62	57	44
POLAND	37	49	55	57	53
ROMANIA	33	37	44	44	40
U.S.A.					
YARN+MONOFIL	492	578	622	794	855
STAPLE	361	364	382	406	459
FILM FIBER	642	646	635	623	553

TABLE 7:
WORLDWIDE OLEFIN FIBER PRODUCTION *(CONTINUED)*
MILLION POUNDS

COUNTRY	1987	1988	1989	1990	1991
CANADA	134	137	146	154	148
OTHER AMERICAS					
ARGENTINA	53	40	40	37	44
BRAZIL	185	170	181	172	223
CHILE	15	13	18	18	18
COLOMBIA	7	7	7	7	22
EL SALVADOR, GUATEMALA, HONDURAS	7	7	7	7	9
MEXICO	60	62	62	64	64
NICARAGUA	2	2	2	2	2
PERU	15	15	15	15	15
URUGUAY	4	4	4	4	4
VENEZUELA	0	0	0	11	15
JAPAN					
YARN+MONOFIL	31	35	44	49	55
STAPLE	79	84	84	93	101
FILM FIBER	NA	NA	NA	NA	NA
CHINA, PRC	317	529	364	496	606
OTHER ASIA					
KOREA, REP. OF	82	97	99	104	115
PHILIPPINES	7	7	7	13	22
TAIWAN	172	201	198	192	194
MIDDLE EAST, AFRICA & OCEANIA					
AUSTRALIA	44	57	62	66	60
SOUTH AFRICA	11	11	22	29	31
OTHER	2	2	2	2	2

a. As of January 1991, East & West Germany combined under Germany.

The olefin data shown include the "official" country data published by a government, an association or other statistical agency as well as an estimate of the olefin fiber, mainly slit and split film fiber, believed to have been produced in the country. For example: although U.S. olefin production data include yarn, monofil, staple, film fiber, and spunbonded polypropylene, published Italian and Japanese olefin data show the production of yarn+monofilaments and staple+tow but no data on production of film fiber, such as that used in sacks, fishing nets, and carpet backing. Estimates were made in the latter example.
Due to the inconsistencies in olefin production reporting, we have made no attempt to show a worldwide total.

TABLE 8:
WORLDWIDE GLASS FIBER
PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS

COUNTRY	PRODUCTION					CAPACITY	
	1987	1988	1989	1990	1991	3/92	12/93
WEST EUROPE EAST EUROPE[a]	897	1025	1036	981	972	*1257*	*1440*
U.S.A.	1598	1609	1620	1488	1433	*1923*	*2026*
OTHER AMERICAS	110	143	143	132	165	*220*	*231*
JAPAN	661	750	761	818	646	*752*	*752*
MIDDLE EAST, AFRICA & OCEANIA[b]	77	121	143	176	225	*265*	*397*
TOTAL ABOVE	**3343**	**3648**	**3703**	**3595**	**3441**	***4417***	***4846***
CHINA, PRC	121	143	154	165	143	*243*	*287*
C.I.S.	243	276	293	265	293	*419*	*419*

Glass fiber is defined on page 129 of the June 1991 ***Fiber Organon***. The glass fiber producing capacity is based on March 1992 and December 1993 annual projections.

a. The data for East Europe do not include estimates for the C.I.S.

b. The Other Asia, Africa & Oceania countries are Australia, India, Korea, Rep. of, South Africa and Taiwan.

TABLE 9:
ESTIMATED WORLDWIDE
CIGARETTE TOW PRODUCTION

MILLION POUNDS

AREA	1987	1988	1989	1990	1991
EUROPE[a]	236	251	260	265	265
U.S.A. OTHER AMERICAS[b]	545	549	584	604	615
ASIA[c]	101	108	121	128	152
CHINA, PRC	0	0	11	26	26
WORLD TOTAL	**882**	**908**	**976**	**1023**	**1058**

a. Belgium, C.I.S., Germany & United Kingdom.

b. Brazil, Canada, Colombia, Mexico & Venezuela.

c. Japan and Korea, Rep. of.

TABLE 10:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	157	66	48	15	40								326	355
BELGIUM	100	0	98	64	280								542	75
BRAZIL	54	105	79	78	78								394	437
CANADA	1201	1053	1475	1499	1292								6520	4112
CHILE	0	0	0	0	0								0	154
GERMANY	736	951	412	531	479								3109	2821
JAPAN	176	77	161	210	132								756	820
MEXICO	107	70	105	105	75								462	427
NETHERLANDS	254	262	157	145	198								1016	1077
UNITED KINGDOM	383	297	416	325	394								1815	230
ALL OTHER COUNTRIES [a]	6	11	20	33	12								84	81
TOTAL ARTIFICIAL YARN	**3176**	**2892**	**2971**	**3005**	**2980**								**15024**	**10389**
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	1567	1396	1473	1104	1319								6859	5992
CANADA	4675	4144	4333	4376	4540								22068	12777
CHINA, PRC	0	0	0	0	0								0	1543
FINLAND	424	744	473	855	1753								4249	1187
GERMANY	41	38	0	64	38								181	561
JAPAN	85	25	68	69	21								268	596
TAIWAN	220	0	287	441	954								1902	6659
THAILAND	189	189	186	134	99								797	3121
UNITED KINGDOM	702	322	456	425	75								1980	1924
YUGOSLAVIA	298	0	128	256	42								724	3889
ALL OTHER COUNTRIES [b]	483	541	721	218	73								2036	670
TOTAL ARTIFICIAL STAPLE+TOW	**8684**	**7399**	**8125**	**7942**	**8914**								**41064**	**38919**
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
BELGIUM	3	39	31	34	46								153	555
BRAZIL	0	5	11	3	44								63	48
CANADA	4980	3882	3597	6272	5820								24551	19929
COSTA RICA	485	465	393	754	583								2680	2865
ECUADOR	0	0	0	6	0								0	83
FRANCE	1128	435	656	570	771								3560	3803
GERMANY	1433	2244	1807	2114	1831								9429	8281
IRELAND	78	105	334	167	148								832	708
ISRAEL	294	338	210	191	334								1367	559
ITALY	209	113	119	90	170								701	357
JAPAN	1687	1635	1595	1419	1574								7910	5613
KOREA, REP. OF	179	58	159	161	198								755	476
MEXICO	1047	1554	1449	1474	1409								6933	7478
NETHERLANDS	412	362	667	279	512								2232	1399
TAIWAN	680	547	37	132	230								1626	541
THAILAND	107	79	109	94	126								515	417
UNITED KINGDOM	2218	2464	3076	2480	1882								12120	9021
ALL OTHER COUNTRIES [c]	827	873	800	791	891								4182	994
TOTAL SYNTHETIC YARN	**15767**	**15198**	**15050**	**17025**	**16569**								**79609**	**63127**
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	22	13	12	23	10								80	70
AUSTRALIA	31	24	50	33	81								219	359
BRAZIL	2	0	0	0	42								44	482
CANADA	3647	4089	5469	3288	3744								20237	7618
FRANCE	551	409	401	558	218								2137	2046
GERMANY	1983	2109	2302	2839	1786								11019	7757
INDIA	93	47	262	1078	67								1547	8337
IRELAND	468	43	427	258	274								1470	357
ITALY	291	56	28	127	232								734	559
JAPAN	2184	3017	2863	3040	2902								14006	10613
KOREA, REP. OF	7466	4228	9395	10932	9026								41047	31060
MALAYSIA	88	44	0	0	0								132	191
MEXICO	1981	1579	1690	2413	2790								10453	9981
SPAIN	62	64	104	209	162								601	85
SWITZERLAND	364	144	234	416	242								1400	864
TAIWAN	4520	5903	5818	6736	5351								28328	13756
TURKEY	127	240	491	40	130								1028	113
UNITED KINGDOM	1444	1677	1439	1742	1713								8015	7195
ALL OTHER COUNTRIES [d]	194	36	81	556	127								994	500
TOTAL SYNTHETIC STAPLE+TOW	**25518**	**23722**	**31066**	**34286**	**28897**								**143491**	**101943**

a. France 34, Korea, Rep. of 22, India 13, Italy 8, Uruguay 3, Taiwan 2, China, PRC 1, Thailand 1.

b. Spain 662, Sweden 588, Brazil 571, Belgium 77, Poland 43, Czechoslovakia 40, France 32, India 20, Italy 3.

c. South Africa 2280, Switzerland 395, Spain 387, Egypt 223, Australia 201, Turkey 176, Portugal 160, India 144, Austria 64, Czechoslovakia 52, Honduras 30, Hong Kong 24, Sweden 17, Yugoslavia 17, China, PRC 4, Denmark 3, Colombia 2, Greece 2, Argentina 1.

d. China, PRC 443, Israel 167, Hong Kong 78, Denmark 58, Belgium 55, South Africa 46, Colombia 41, Czechoslovakia 31, Romania 29, Hungary 25, C.I.S. 15, Netherlands 5, Sweden 1.

TABLE 11:
U.S. MANUFACTURED FIBER IMPORTS[a]
THOUSAND POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	528	848	202	342	334								2254	1199
TEXTURED	0	0	13	0	0								13	0
OTHER	2637	2044	2756	2662	2644								12743	9180
MONOFILAMENTS & STRIPS	11	0	0	1	2								14	10
SUBTOTAL ABOVE	**3176**	**2892**	**2971**	**3005**	**2980**								**15024**	**10389**
STAPLE	8581	7288	7938	7753	8799								40359	38123
TOW	103	111	187	189	114								704	796
TOPS	0	0	0	0	1								1	0
SUBTOTAL ABOVE	**8684**	**7399**	**8125**	**7942**	**8914**								**41064**	**38919**
WASTE	**0**	**46**	**47**	**34**	**0**								**127**	**1088**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	913	980	950	1250	1113								5206	9732
TEXTURED														
UP TO 450 DENIER	411	517	424	475	644								2471	1543
OVER 450 DENIER	3249	1978	1764	3385	3059								13435	9030
POY	2498	3305	3987	3561	3080								16431	11372
OTHER	2245	1850	1791	2394	2497								10777	5981
MONOFILAMENTS & STRIPS	172	165	112	183	188								820	623
SUBTOTAL ABOVE	**9488**	**8795**	**9028**	**11248**	**10581**								**49140**	**38281**
POLYESTER														
HIGH TENACITY	1142	1602	1593	1524	1642								7503	3436
TEXTURED	630	854	835	1106	677								4102	3468
POY	728	634	302	621	476								2761	1232
OTHER	1229	1433	1192	885	946								5685	7946
MONOFILAMENTS & STRIPS	38	75	29	38	100								280	201
SUBTOTAL ABOVE	**3767**	**4598**	**3951**	**4174**	**3841**								**20331**	**16283**
OTHER SYNTHETIC FILAMENT														
TEXTURED	212	93	72	119	203								699	798
OTHER	1496	1096	1231	965	1367								6155	5287
MONOFILAMENTS & STRIPS	804	616	768	519	577								3284	2478
SUBTOTAL ABOVE	**2512**	**1805**	**2071**	**1603**	**2147**								**10138**	**8563**
STAPLE														
NYLON	2554	2136	3403	2803	2386								13282	9629
POLYESTER	17422	15430	20302	24558	20654								98366	70072
ACRYLIC	1607	1450	2326	2048	1152								8583	5571
POLYPROPYLENE	168	77	268	340	183								1036	1229
OTHER	265	320	258	182	713								1738	1424
TOW														
NYLON	701	503	688	883	460								3235	2293
POLYESTER	35	78	122	0	56								291	538
ACRYLIC	2009	2686	2324	2657	2309								11985	10719
OTHER	0	39	22	0	55								116	85
TOPS	757	1003	1353	817	929								4859	383
SUBTOTAL ABOVE	**25518**	**23722**	**31066**	**34288**	**28897**								**143491**	**101943**
WASTE														
NYLON	791	1083	1481	1594	1750								6699	8091
POLYESTER	1022	1149	1194	679	872								4916	5674
OTHER	606	633	681	946	793								3659	2565
TOTAL MANUFACTURED FIBERS ABOVE	**55564**	**52122**	**60615**	**65513**	**60775**								**294589**	**231796**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	251	136	213	153	191								944	624
SPUN YARN	318	277	317	643	706								2261	2559
SPUN YARNS														
SYNTHETIC	922	559	702	621	1075								3879	3266
ARTIFICIAL	0	0	0	0	0								0	0
PUT UP FOR RETAIL SALE	48	28	20	41	33								170	342
GRAND TOTAL ABOVE	**57103**	**53122**	**61867**	**66971**	**62780**								**301843**	**238587**

SOURCE: U.S. Census Bureau Report IM145X.

a. U.S. General Imports.

TABLE 12:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	13	1	1	0	22								37	777
TEXTURED	7	61	13	37	29								147	379
OTHER	247	176	191	228	36								878	646
MONOFILAMENTS & STRIPS	19	42	100	47	37								245	70
SUBTOTAL ABOVE	**286**	**280**	**305**	**312**	**124**								**1307**	**1872**
STAPLE	1371	1087	1047	1643	1194								6342	4411
TOPS	1910	479	218	19	0								2626	71
SUBTOTAL ABOVE	**3281**	**1566**	**1265**	**1662**	**1194**								**8968**	**4482**
WASTE	**229**	**656**	**528**	**574**	**1345**								**3332**	**4124**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	4619	5521	5465	5135	5160								25900	43207
TEXTURED														
UP TO 450 DENIER	923	786	816	634	636								3795	6320
OVER 450 DENIER	6214	4125	4665	3499	3595								22098	18180
POY	52	80	196	144	209								683	284
OTHER	3119	3582	3893	2738	3030								16362	16139
MONOFILAMENTS & STRIPS	29	32	29	128	157								375	184
SUBTOTAL ABOVE	**14956**	**14126**	**15066**	**12278**	**12787**								**69213**	**84314**
POLYESTER														
HIGH TENACITY	4556	3556	4228	3783	3372								19495	28269
TEXTURED	5546	6616	8101	7258	6149								33670	27597
POY	884	1205	1232	1411	1650								6382	7450
OTHER	629	768	745	612	708								3462	11712
MONOFILAMENTS & STRIPS	113	95	99	337	391								1035	1232
SUBTOTAL ABOVE	**11728**	**12240**	**14405**	**13401**	**12270**								**64044**	**76260**
OTHER SYNTHETIC FILAMENT														
TEXTURED	596	338	407	281	479								2101	2960
OTHER	1569	1395	2521	2129	2517								10131	11203
MONOFILAMENTS & STRIPS	967	954	1275	1495	1365								6056	5579
SUBTOTAL ABOVE	**3132**	**2687**	**4203**	**3905**	**4361**								**18288**	**19742**
STAPLE														
NYLON	2465	2456	2976	2523	3131								13551	9992
POLYESTER	7763	8890	7719	7642	7420								39434	44689
ACRYLIC	1251	1310	1982	2654	2524								9721	11774
POLYPROPYLENE	3041	3740	5748	3109	5461								21099	12924
OTHER	454	266	323	262	394								1699	6846
TOW														
NYLON	340	361	359	315	282								1657	808
POLYESTER	108	7	43	40	30								228	217
ACRYLIC	556	557	630	428	2448								4619	4311
OTHER	1	16	4	1	4								26	427
TOPS	9392	6332	3304	3984	2317								25329	37872
SUBTOTAL ABOVE	**25371**	**23935**	**23088**	**20958**	**24011**								**117363**	**129860**
WASTE														
NYLON	2800	2293	1940	2183	1831								11047	13565
POLYESTER	3787	4239	4659	2716	3509								18910	19262
OTHER	6168	5955	5627	5193	6637								29580	34409
TOTAL MANUFACTURED FIBERS ABOVE	**71738**	**67977**	**71086**	**63182**	**68069**								**342052**	**387890**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	610	560	819	455	571								3015	4888
SPUN YARN	278	1332	635	3130	2646								8021	1063
SPUN YARNS														
SYNTHETIC	2140	1933	2542	1301	1799								9715	8849
ARTIFICIAL	526	355	508	312	579								2280	1033
PUT UP FOR RETAIL SALE	2727	2230	3082	2318	2707								13064	11180
GRAND TOTAL ABOVE	**78019**	**74387**	**78672**	**70698**	**76371**								**378147**	**412903**

SOURCE: U.S. Census Bureau Report EM522.

TABLE 13:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1992	1991
MANUFACTURED FIBER TOTAL SHIPMENTS [b c]														
ARTIFICIAL (CELLULOSIC)														
YARN	16.8	17.9	17.4	21.7	19.0	19.0							111.8	103.4
RAYON STAPLE	23.0	21.0	22.7	19.8	23.9	20.3							130.7	128.5
TOTAL ARTIFICIAL (CELLULOSIC)	39.8	38.9	40.1	41.5	42.9	39.3							242.5	231.9
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.2	23.2	28.8	27.7	26.2	25.1							156.2	164.7
- CARPET	82.4	77.9	86.2	92.5	86.5	80.2							505.7	434.2
- TEXTILE[f]	33.9	29.2	31.8	30.4	31.1	30.2							186.6	187.5
POLYESTER - INDUSTRIAL[d]	30.6	28.9	31.6	34.9	30.5	31.5							188.0	165.7
- TEXTILE[f]	71.2	67.8	77.1	81.2	74.1	76.2							447.6	412.6
OLEFIN[e]	110.0	115.0	121.4	129.7	130.4	128.1							734.6	678.6
TOTAL YARN	353.3	342.0	376.9	396.4	378.8	371.3							2218.7	2043.3
STAPLE+TOW+FIBERFILL														
NYLON	70.8	63.5	79.3	85.3	77.6	75.0							451.5	412.2
ACRYLIC+MODACRYLIC	35.1	33.5	39.5	39.5	38.2	36.2							222.0	220.5
POLYESTER	195.1	186.8	203.1	208.9	177.4	179.2							1150.5	1048.9
OLEFIN	36.0	38.4	39.4	37.9	37.1	35.6							224.4	216.9
TOTAL STAPLE	337.0	322.2	361.3	371.6	330.3	326.0							2048.4	1898.5
TOTAL SYNTHETIC (NONCELLULOSIC)	690.3	664.2	738.2	768.0	709.1	697.3							4267.1	3941.8
TOTAL MANUFACTURED FIBER	730.1	703.1	778.3	809.5	752.0	736.6							4509.6	4173.7
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	11.3	11.2	10.9	11.5	12.4	12.2							12.2	9.4
RAYON STAPLE	25.6	25.7	26.9	30.7	30.4	33.4							33.4	24.9
TOTAL ARTIFICIAL (CELLULOSIC)	36.9	36.9	37.8	42.2	42.8	45.6							45.6	34.3
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	30.7	29.6	24.5	22.8	22.5	23.3							23.3	28.2
- CARPET	82.8	81.3	79.0	71.7	69.1	71.8							71.8	58.4
- TEXTILE[f]	43.4	48.6	52.7	50.0	48.8	48.5							48.5	48.9
POLYESTER - INDUSTRIAL[d]	34.7	35.8	34.7	33.7	34.6	34.0							34.0	40.6
- TEXTILE[f]	98.0	98.7	94.1	77.6	77.9	82.2							82.2	91.7
OLEFIN[e]	58.8	59.5	57.4	54.4	50.9	49.8							49.8	53.3
TOTAL YARN	348.4	353.5	342.4	310.2	303.8	309.6							309.6	321.1
STAPLE+TOW+FIBERFILL														
NYLON	64.0	63.5	56.5	51.0	55.1	61.3							61.3	59.5
ACRYLIC+MODACRYLIC	82.3	83.1	79.7	75.2	74.2	75.3							75.3	70.6
POLYESTER	144.3	147.3	146.9	137.7	135.8	155.4							155.4	162.0
OLEFIN	33.6	35.3	38.1	41.4	43.1	43.0							43.0	30.1
TOTAL STAPLE	324.2	329.2	321.2	305.3	308.2	335.0							335.0	322.2
TOTAL SYNTHETIC (NONCELLULOSIC)	672.6	682.7	663.6	615.5	612.0	644.6							644.6	643.3
TOTAL MANUFACTURED FIBER	709.5	719.6	701.4	657.7	654.8	690.2							690.2	677.6
COTTON CONSUMPTION														
RAW COTTON	369.5	383.0	496.0	377.3	393.7								2019.5	NA
WOOL CONSUMPTION [g]	1ST QUARTER			2ND QUARTER			3RD QUARTER			4TH QUARTER				
APPAREL CLASS WOOL	39.3												39.3	33.7
CARPET CLASS WOOL	4.6												4.6	3.1
TOTAL RAW WOOL	43.9												43.9	36.8

NA - Not Available

a. "Year to date" totals for stock, are the latest month's figures.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic shipments plus export shipments.

d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

f. Includes low denier industrial yarn.

g. **Wool data available on a quarterly basis only.**